

IN THE CLAIMS:

Please amend claims 1, 7, 10 and 11 in the manner set forth below:

Sub A1

1. (Amended) A remote control device comprising:
a microprocessor including a CPU and memory means;
a keypad including a set of keys coupled to said microprocessor;
lamp driver circuitry coupled to said microprocessor;
means for generating IR signals coupled to said IR lamp driver circuitry;
instructions and [code] data in binary form stored in said memory means for [executing] enabling command functions [of] for controlling a plurality of devices [of] manufactured by different manufacturers [stored in said memory means] to be retrieved and supplied to said means for generating IR signals;
a Key Reassignment table in said memory means containing key identity mode data, device data format, and function data; and
program [means] instructions in binary form stored in said memory means for enabling one to assign[ing] a different command function [for the same or different device] to a key on the keypad upon the inputting of a predetermined keystroke sequence on said keypad.

A2

4. (Amended) A method for reassigning a function to a key on a keypad in a remote control device including:

a microprocessor comprising a CPU and memory means;
a keypad including a set of keys coupled to the CPU;
lamp driver circuitry coupled to the microprocessor;
means for generating IR signals coupled to the IR lamp driver circuitry;
instructions and [code] data in binary form stored in said memory means for [executing] enabling command functions [of] for controlling a plurality of devices [of] manufactured by different manufacturers [stored in said memory means] to be retrieved and supplied to said means for generating IR signals; and,

a Key Reassignment Table in said memory means containing key identity and mode, device data format, and command function data,
said method comprising the steps of:
entering a predetermined keystroke sequence on the keypad;
sensing with the microprocessor the keys struck to

[determining] determine with the microprocessor if the predetermined keystroke sequence is a command to perform special function processing to reassign to a key a function of a device to be controlled, a new mode;

determining with the microprocessor if a function key has been depressed;

storing the key identity and current mode into a "FROM" entry in the Key Reassignment Table;

determining with the microprocessor if the next key depressed is a mode key;

setting, with the microprocessor and program instructions for enabling one to assign a different command function to a key, the new mode;

determining with the microprocessor if a function sequence of keystrokes has been entered on the keypad for a valid function for the device and mode selected;

obtaining with the program instructions device data format and command function data corresponding to the function and mode selected from the Key Reassignment Table; and,

storing the data obtained in a "TO" entry in the Key Reassignment Table.

~~710.~~ (Amended) A remote control device comprising:

a microprocessor including a CPU and memory means;

a keypad including a set of keys coupled to said microprocessor;

lamp driver circuitry coupled to said microprocessor;

means for generating IR signals coupled to said IR lamp driver circuitry;

instructions and [code] data in binary form stored in said memory means for [executing] enabling command functions [of] for controlling a plurality of devices [of] manufactured by different manufacturers [stored in said memory means] to be retrieved and supplied to said means for generating IR signals;

a Key Reassignment Table in said memory means containing key identity and mode, device data format, and command function data;

program instructions in binary form stored in said memory means for enabling one to assign a different command function to a key on the keypad upon the inputting of a predetermined keystroke sequence on said keypad;

said microprocessor and program instructions including:

means for sensing when a predetermined keystroke sequence has been entered on the keypad;

means for determining if the predetermined key stroke sequence is a command to perform special function processing to reassign to a key a function for a device;

means for determining if a function key has been depressed;

means for storing the key identity and current mode into a "FROM" entry in the Key Reassignment Table;

means for determining if the next key depressed is a mode key;

means for setting the new mode;

means for determining if a function sequence of keystrokes has been entered on the keypad for a valid function for the device and mode selected;

means for obtaining device data format and command function data corresponding to the function and mode selected; and

means for storing the data in a "TO" entry in the Key Reassignment Table.

~~[No] 11. (Amended) A remote control device comprising:~~

~~a microprocessor including a CPU and memory means;~~

~~a keypad including a set of keys coupled to said microprocessor;~~

~~means for generating IR signals defining IR command functions coupled to said microprocessor;~~

~~instructions and [code] data in binary form stored in said memory means for [executing] enabling IR command functions for controlling a plurality of devices manufactured by different manufacturers [stored in said memory means] to be retrieved and supplied to said means for generating IR signals;~~

~~code data for executing IR command functions stored in said memory means;~~

~~a Key Reassignment table in said memory means containing key identity, device data format and function data; and~~

~~program [means] instructions in binary form stored in said memory means for enabling one to assign[ing] a different command function [for the same or different device] to a key on the~~

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